

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

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SECRETARY

JOHN AUERBACH
COMMISSIONER

Andrius Knasas, ADA

Suffolk County District Attorney's Office
By e-mail

September 7, 2011

Re: Comm. v. [REDACTED] State Lab nos. [REDACTED]

ADA Knasas,

Please find below a discovery package for the case noted above. The material is collated in the following manner:

- 1) the c.v.'s of the chemists
- 2) the Evidence Office receipt to the Boston Police
- 3) the inventory control cards
- 4) the Drug Powder Analysis Form for the cocaine
- 5) the gas chromatography/mass spectrometry (gc/ms) data for the cocaine
- 6) the Pharmaceutical Analysis Form for the clonidine and MDMA
- 7) the pharmacopeia text for the clonidine (Micromedex)
- 8) the gc screen for the MDMA
- 9) the gc/ms data for the MDMA
- 10) the Vegetable Matter Book page for the marijuana

I was the custodial chemist responsible for the chain of custody, weights and the preliminary analysis of the exhibit. Della Saunders operated the gc/ms for the confirmatory tests on the cocaine. Annie Dookhan operated the gc/ms for the MDMA analysis.

If you need further clarification of this material, call me directly at (617) 983-6627.

Sincerely,

Michael Lawler
Senior Chemist

Cc: D. Saunders, A.Dookhan

Curriculum Vitae

Della Saunders

Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts

Curriculum Vitae

Michael Lawler

Education:

University of Virginia, Charlottesville, Va. Bachelor of Arts in English, 1975

Harvard University, Cambridge, Ma. Master of Arts in biology, 1995

Experience:

1990-present currently Chemist III, Mass. Dept. of Public Health, Drug Lab analyst determining the identity of unknown substances and providing expert testimony in the Courts. Conduct special testing for poisons within drug exhibits. Lab Safety Officer.

2005-2008 lecturer in chemistry, Curry College, Milton, Ma.

1988-1990 New England Newborn Screening (NENS) Biochemist conducting pilot studies and validation trials of new newborn screening tests. Investigator and co-author of papers noted below. Introduced screening test for Biotinidase Deficiency. Liaison with interstate collaborators in national studies.

1983-1988 Supervised NENS urine screening lab for metabolic disorders. Conducted research in collaboration with Children's Hospital (Boston) detecting neuroblastoma, a cancer of early childhood. Conducted reference testing for rare metabolic disorders for an international audience.

1982-1983 NENS hypothyroid assay technologist with Tuft's University

1979-1981 Mass. Bay Community College, staff technologist preparing materials for the laboratory technician program, which included reagents, apparatus and maintaining stock cultures of human pathogens.

Additional education and special training

Drug Analysis, completed six week training course by senior staff within the Department of Public Health Drug Analysis Laboratory

National Laboratory Network Training Program course as Expert Witness

Qualified as an expert witness in the Massachusetts Courts and the U.S. District Court

Current Drug Trends – Multijurisdictional Drug Task Force Academy

CDC course in antibiotic resistance CDC course in cell culture

CDC course in public health response to bioterrorism

U.S. Army course in biologic warfare and terrorism

Journal Publications

Screening, 1992, 1:34-37; Lawler,M., Frederick,S., Rodriguez-Anza, S., Wolf,B., Levy,H., *Newborn Screening for Biotinidase Deficiency, Pilot Study and Follow-up of Identified Cases*

Genetic Screening, 1990, 11-18, Mitchell,M., Lawler,M., Walraven,C., Hermos,R., *To Screen or Not to Screen for Congenital Hyperplasia: Is that the Question?*

The Journal of Pediatrics, 116: 78-83, Secor-McVoy,J., Lawler,M., Schmidt, M., Ebers,D., Hart,P., Pettit,D., Blitzer,M., Wolf,B., *Partial Biotinidase Deficiency: Clinical and Biochemical Features*

Professional Affiliations

Northeastern Association of Forensic Scientists (NEAFS) since 2005

Awards

Theobald Smith Education Grant for graduate studies

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

ROXBURY

MA

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHT

LAB USE ONLY

ANALYSIS
NUMBER

MDMA

1 PILL

2.33g

CRACK COCAINE

16 P/B

5.17g

MARIJUANA

7 P/B

35.05g

UNKNOWN PILLS

2

2.19g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #

No. [REDACTED] Date Analyzed: 05-18-11

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount: 1.0

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 03/08/2011

Gross Wt.: 2.33 ✓

No. Analyzed:

Net Weight:

Tests:

• 2 ASD

11-49
(G) - off for
turquoise MPA?

Prelim:

Findings:

3, 4 - MDMA

Date Analyzed: MAY 18 2011

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 16 Cont: pb

Date Rec'd: 03/08/2011

Gross Wt.: 5.17 ✓

No. Analyzed: ② 2.32g

Net Weight: 0.20g

Tests: 18 MK

14 ASB

Prelim:

Cocaine (F)

Findings:

cocaine

Date Analyzed: 5-7-11

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: VM

No. Cont: 7 Cont: pb and 1 c/gar

Date Rec'd: 03/08/2011

Gross Wt.: 35.05 ✓

No. Analyzed: 8

Net Weight: 27.85g

Tests: 32 MK

1148

Prelim:

Findings:

Marijuana

No. [REDACTED]

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount: 2.0

No. Cont: 1 Cont: pb

Date Rec'd: 03/08/2011

Gross Wt.: 2.19 ✓

Date Analyzed: 5-10-11

Subst: TABS

No. Analyzed:

Net Weight:

Tests:

Ad

Prelim:

Findings: clonidine class

GCMSB
G0515115

2 GCMS+H05115

DRUG POWDER ANALYSIS FORM

5-18-11

SAMPLE #

AGENCY

Boston DCU

ANALYST

MX

No. of samples tested:

Evidence Wt.

5.17

PHYSICAL DESCRIPTION:

16 pb w/ 2 sub tabs

Gross Wt (): 3.1302

Gross Wt ():

Pkg. Wt:

Net Wt: 2.3232

test #1 wt = 0.1603

test #2 wt = 0.1302

0.2905

OHAUS 2334 5-9-11

20g = 20.0001g

10g = 10.0001g

5g = 4.9999g

1g = 0.9999g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate

Marquis

Froehde's

Mecke's

⊕ x 2
⊖
⊖
⊖
⊖

Microcrystalline Tests

Gold Chloride

TLTA

⊕ x 2
⊕
⊕

OTHER TESTS

PRE

RES

0.2905

2.3232

0.1603

0.1302

16.0

0.2905

0.2905

GC/MS CONFIRMATORY TEST

RESULTS

MS

OPERATOR

DATE

Wcane

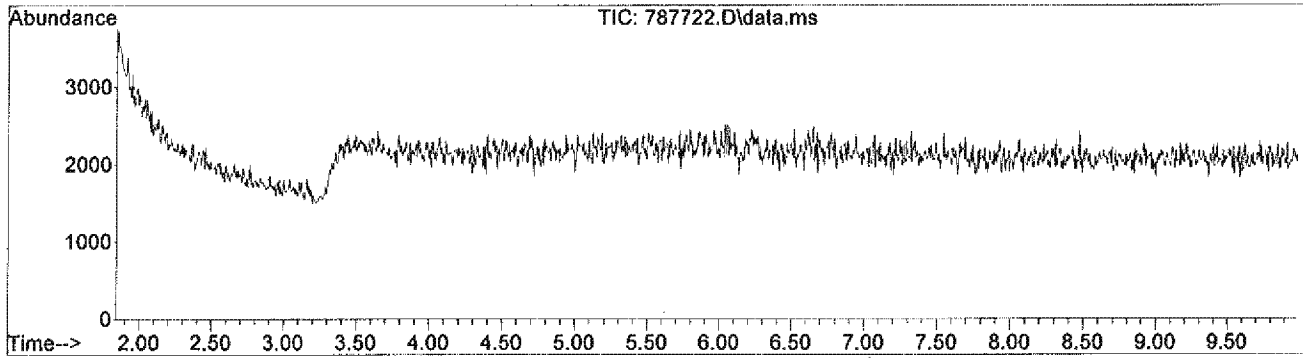
VCS

5-18-11

Area Percent / Library Search Report

Information from Data File:

File Name : K:\05_13_11\787722.D
 Operator : DCS
 Date Acquired : 13 May 2011 13:50
 Sample Name : BLANK
 Submitted by :
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



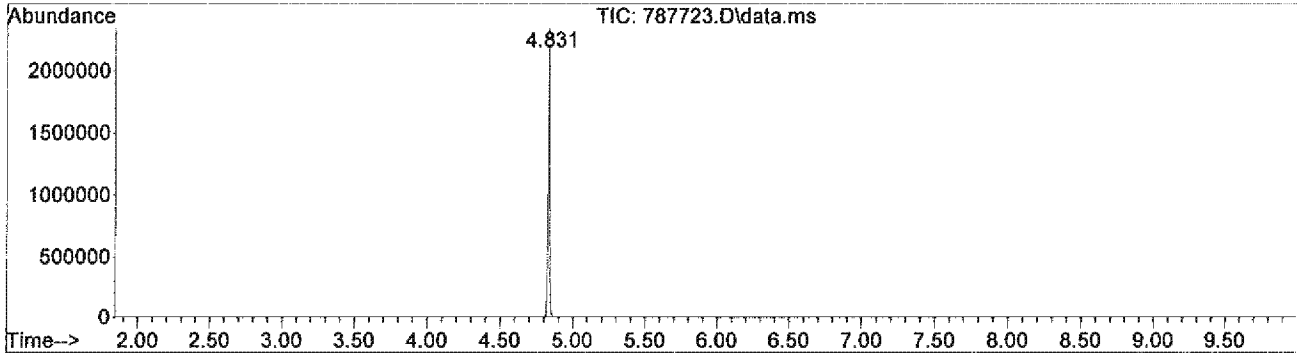
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

✓ 8/26/11 PDS

```

Information from Data File:
File Name       : K:\05_13_11\787723.D
Operator        : DCS
Date Acquired   : 13 May 2011  14:03
Sample Name     : COCAINE STANDARD
Submitted by    :
Vial Number     : 23
AcquisitionMeth : DRUGS.M
Integrator      : RTE
  
```



Ret. Time	Area	Area %	Ratio %
4.831	1784004	100.00	100.00

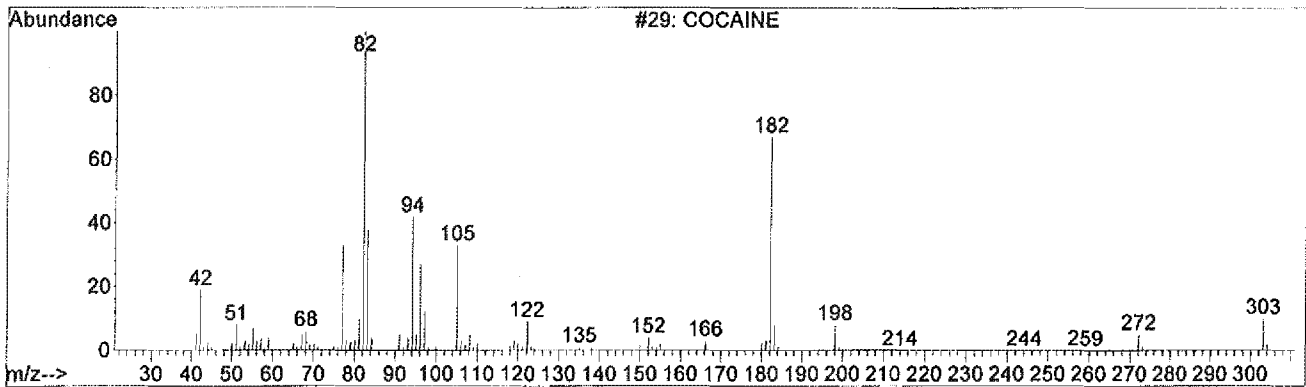
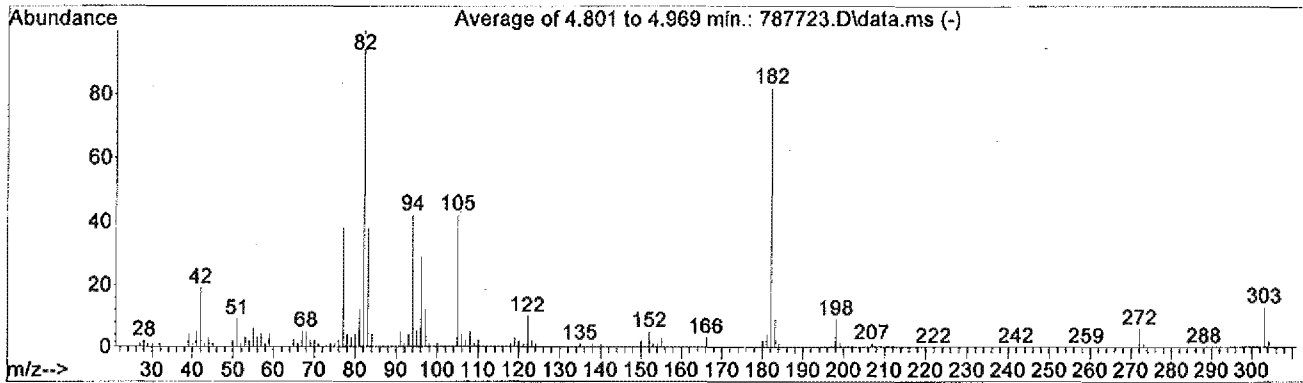
Area Percent / Library Search Report

Information from Data File:

File Name : K:\05_13_11\787723.D
 Operator : DCS
 Date Acquired : 13 May 2011 14:03
 Sample Name : COCAINE STANDARD
 Submitted by :
 Vial Number : 23
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

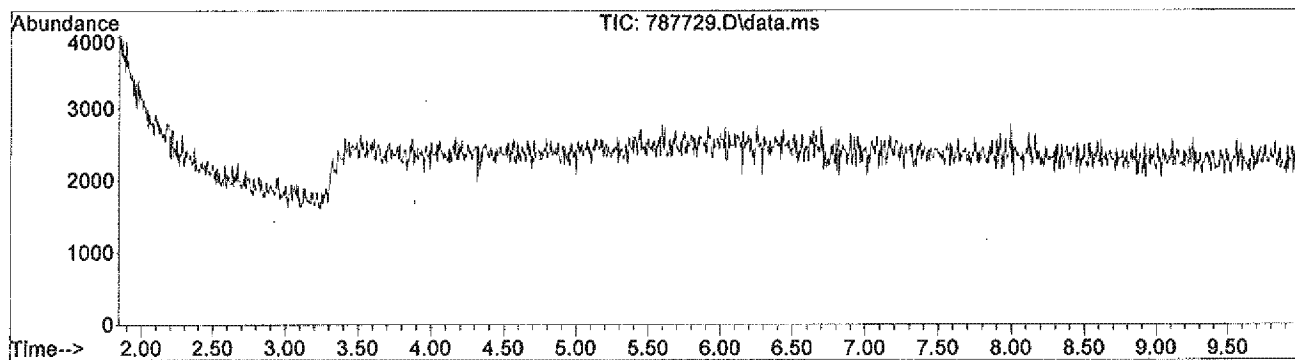
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.83	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : K:\05_13_11\787729.D
Operator : DCS
Date Acquired : 13 May 2011 15:21
Sample Name : BLANK
Submitted by : MGL
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

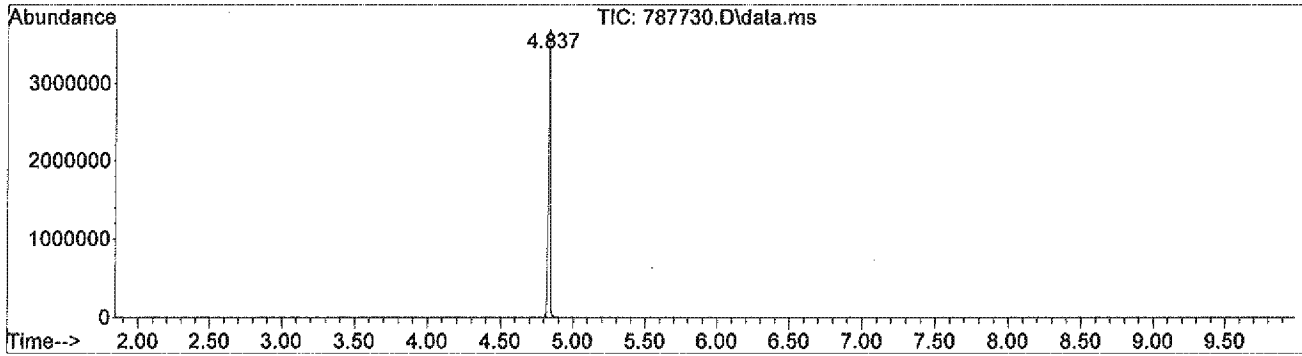


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

```

Information from Data File:
File Name       : K:\05_13_11\787730.D
Operator        : DCS
Date Acquired   : 13 May 2011  15:34
Sample Name     : 
Submitted by    : MGL
Vial Number     : 30
AcquisitionMeth : DRUGS.M
Integrator      : RTE
    
```



Ret. Time	Area	Area %	Ratio %
4.837	3614008	100.00	100.00

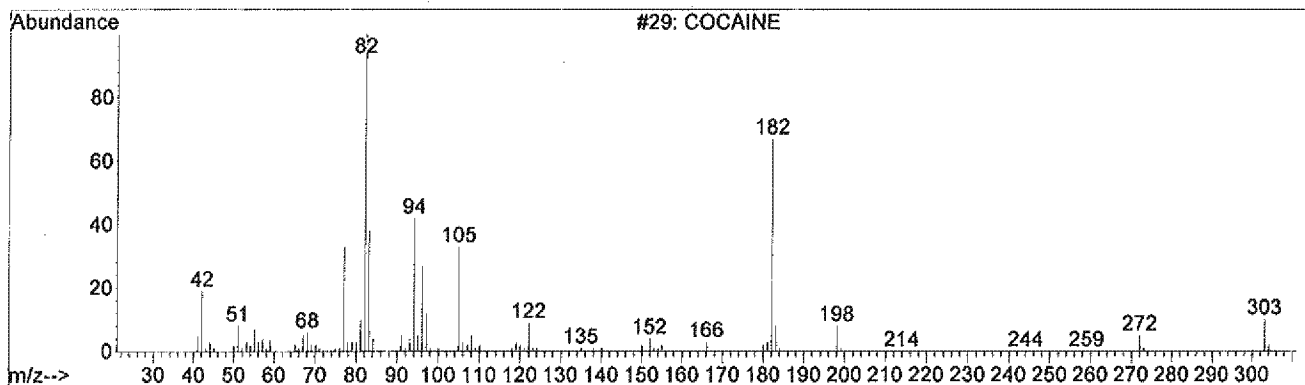
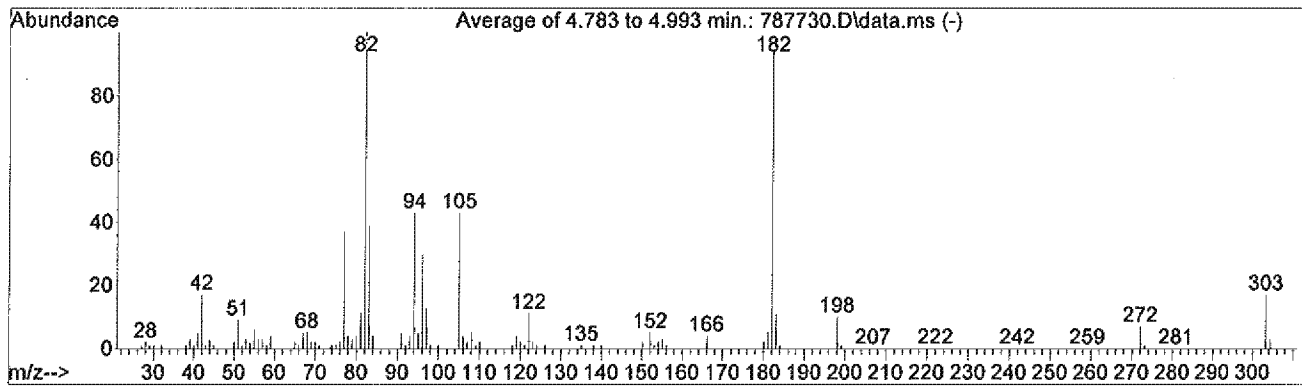
Area Percent / Library Search Report

Information from Data File:

File Name : K:\05_13_11\787730.D
 Operator : DCS
 Date Acquired : 13 May 2011 15:34
 Sample Name : XXXXXXXXXX
 Submitted by : MGL
 Vial Number : 30
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

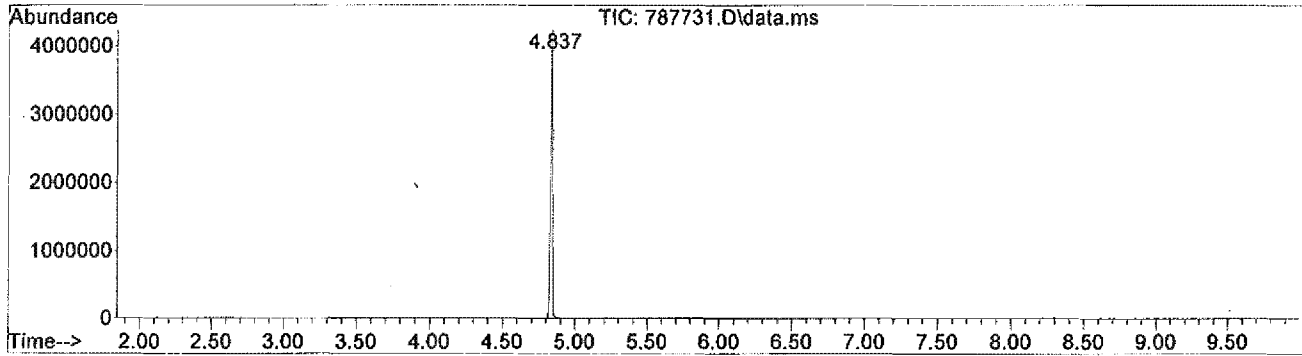
PK#	RT	Library/ID	CAS#	Qual
1	4.84	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : K:\05_13_11\787731.D
 Operator : DCS
 Date Acquired : 13 May 2011 15:47
 Sample Name : XXXXXXXXXX
 Submitted by : MGL
 Vial Number : 31
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



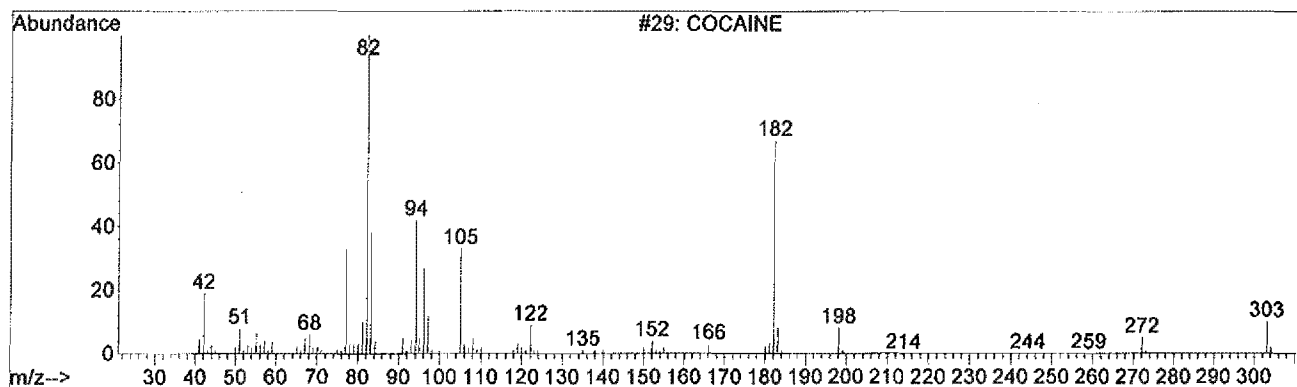
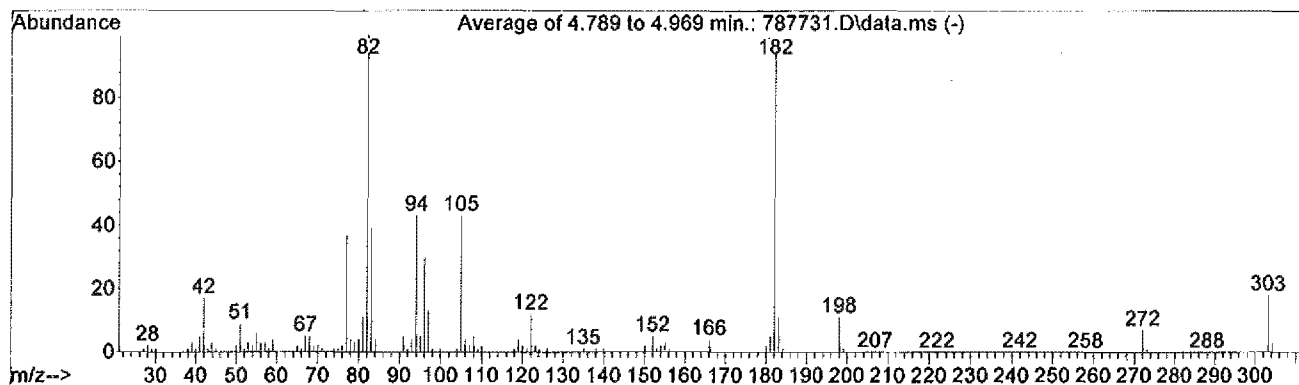
Ret. Time	Area	Area %	Ratio %
4.837	4030835	100.00	100.00

Area Percent / Library Search Report

Information from Data File:
 File Name : K:\05_13_11\787731.D
 Operator : DCS
 Date Acquired : 13 May 2011 15:47
 Sample Name : XXXXXXXXXX
 Submitted by : MGL
 Vial Number : 31
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

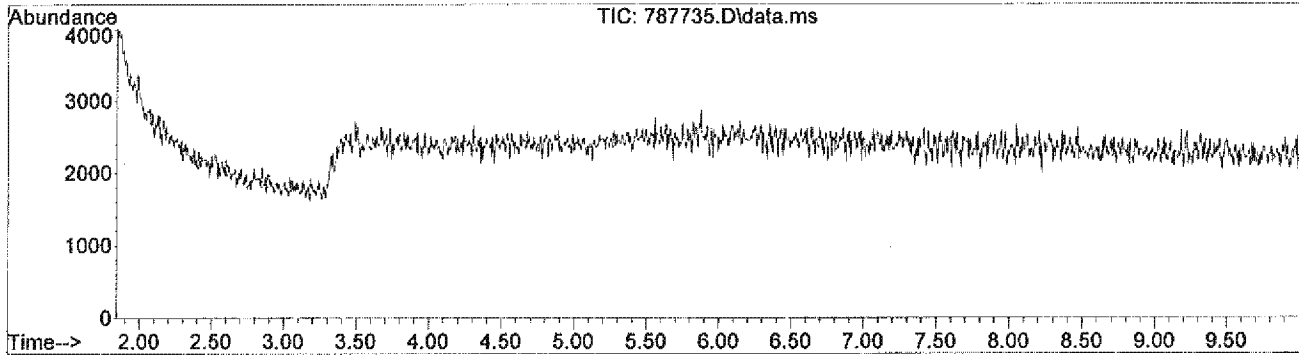
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.84	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

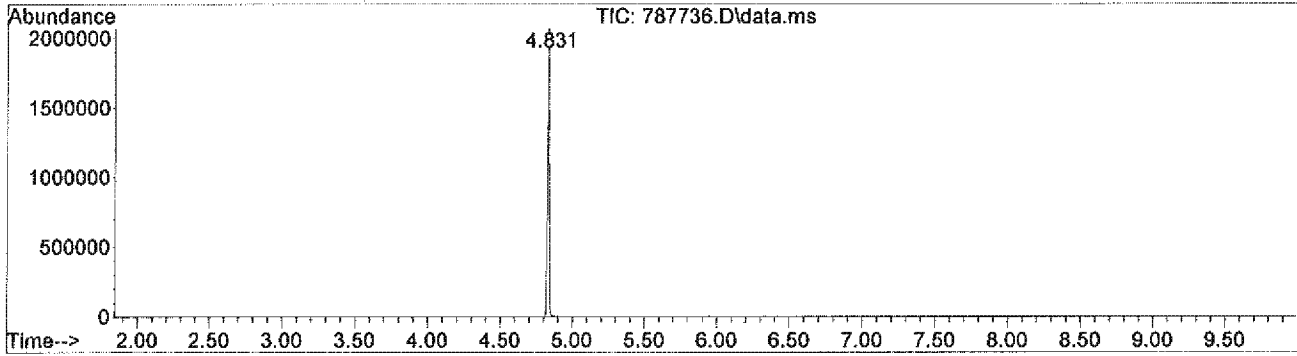
File Name : K:\05_13_11\787735.D
Operator : DCS
Date Acquired : 13 May 2011 16:39
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:
File Name : K:\05_13_11\787736.D
Operator : DCS
Date Acquired : 13 May 2011 16:52
Sample Name : COCAINE STANDARD
Submitted by :
Vial Number : 36
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.831	1638649	100.00	100.00

Information from Data File:

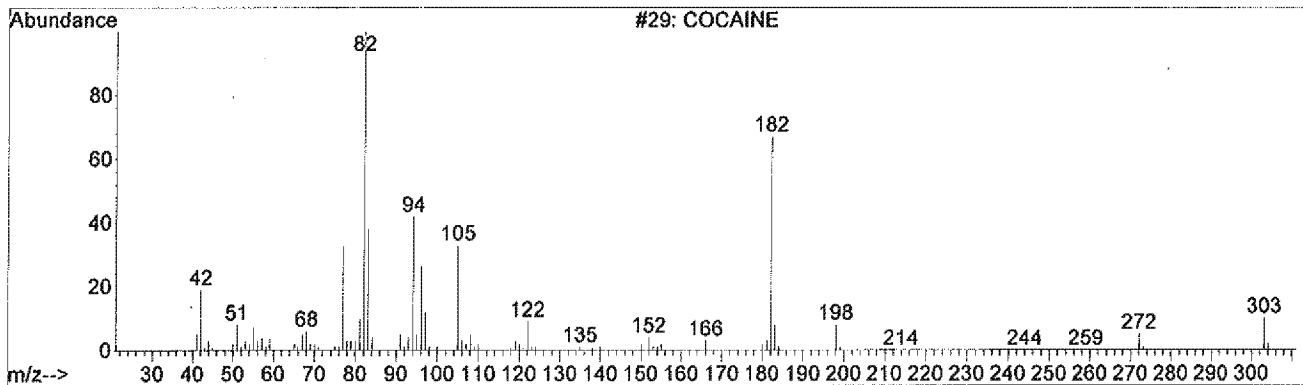
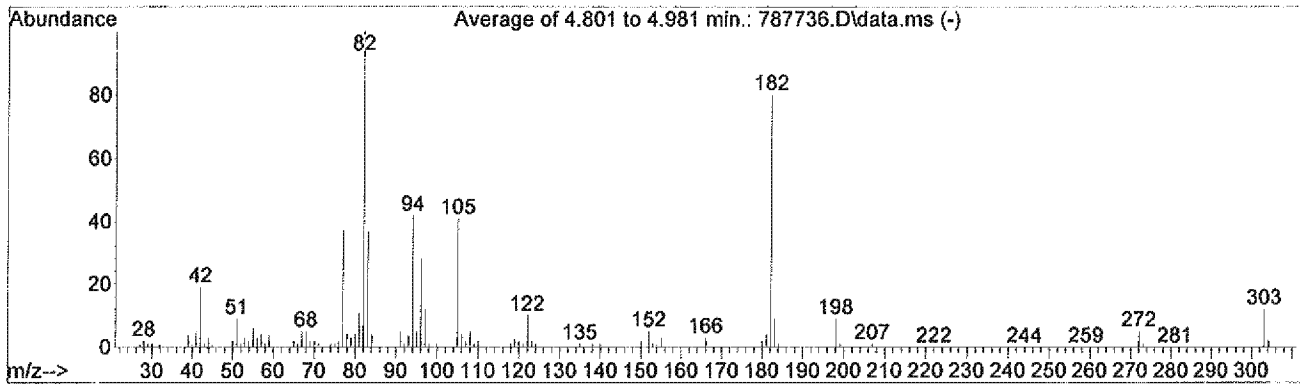
```

File Name       : K:\05_13_11\787736.D
Operator        : DCS
Date Acquired   : 13 May 2011  16:52
Sample Name     : COCAINE STANDARD
Submitted by    :
Vial Number     : 36
AcquisitionMeth : DRUGS.M
Integrator      : RTE
  
```


```


Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	4.83	C:\Database\SLI.L COCAINE	000050-36-2	99



Pharmaceutical Analysis Sheet

Sample [REDACTED] City Boston E.O. weight 2.19g
 Count 2 tabs Description:  white one tab legible
 Ballistic I.D. clonidine one tab worn
 I.D. Source Minimedex Rx \Rightarrow class E
 Final I.D. _____ MS chemist _____ completed clonidine. class E
5-10-11

Sample # B11-02538 City Boston E.O. weight 2.33g
 Count 1 Description:  off center G
 Ballistic I.D. MDMA
stylized irregular tablet
 I.D. Source _____ turquoise NaOH
hexane
 Final I.D. MDMA MS chemist ADD completed 5-18-11

Drug Information

DRUG NAME: CLONIDINE HYDROCHLORIDE

INGREDIENTS: CLONIDINE HYDROCHLORIDE -- 0.1 MG

Color: White

Shape: Circle

Imprint: MYLAN 152

Form: Oral Tablet

Available-Container-Size: Strip of 1 , Strip of 30 , Strip of 25 , Bottle of 1000 , Strip of 100 , Bottle of 100 , Strip of 90

AAPCC Code: 201081 - Clonidine

NDC: 0378-0152-10

51079-299-20

0378-0152-01

51079-299-62

51079-299-01

51079-299-63

51079-299-19

51079-299-17

Excipients: Croscarmellose Sodium (Type A) ; Magnesium Stearate ; Cellulose, Microcrystalline ; Sodium Lauryl Sulfate ; Ammonium Chloride ; Silicon Dioxide, Colloidal

Regulatory Status: RX

Availability: United States

Product ID 5150133

Contact: Mylan Pharmaceuticals

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Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	ROUTINE	1	Sample	
2	Vial 2	MDMA STD	ROUTINE	1	Sample	
3	Vial 3	BLANK	ROUTINE	1	Sample	
4	Vial 4		ROUTINE	1	Sample	
5	Vial 5	BLANK	ROUTINE	1	Sample	

Sequence Table (Back Injector):

No entries - empty table!

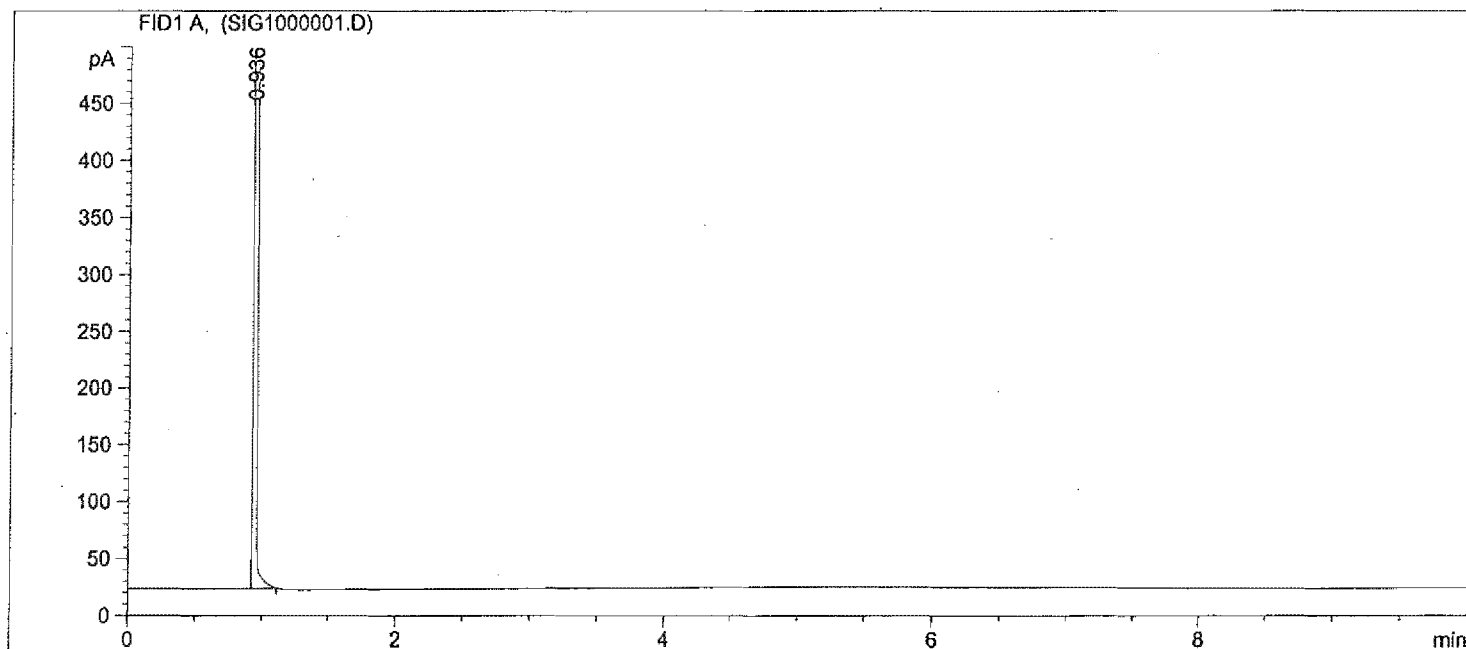
Sample Name: BLANK

```

=====
Acq. Operator   : ASD                      Seq. Line :    1
Acq. Instrument : DrugLab GC #2            Location  : Vial 1
Injection Date  : 5/12/2011 12:48:43 PM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====

```



```

=====
                        Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.936	1	BB S	5.14846e4	5.32183e4	1.000e2

```
Totals :                5.14846e4  5.32183e4
```

```

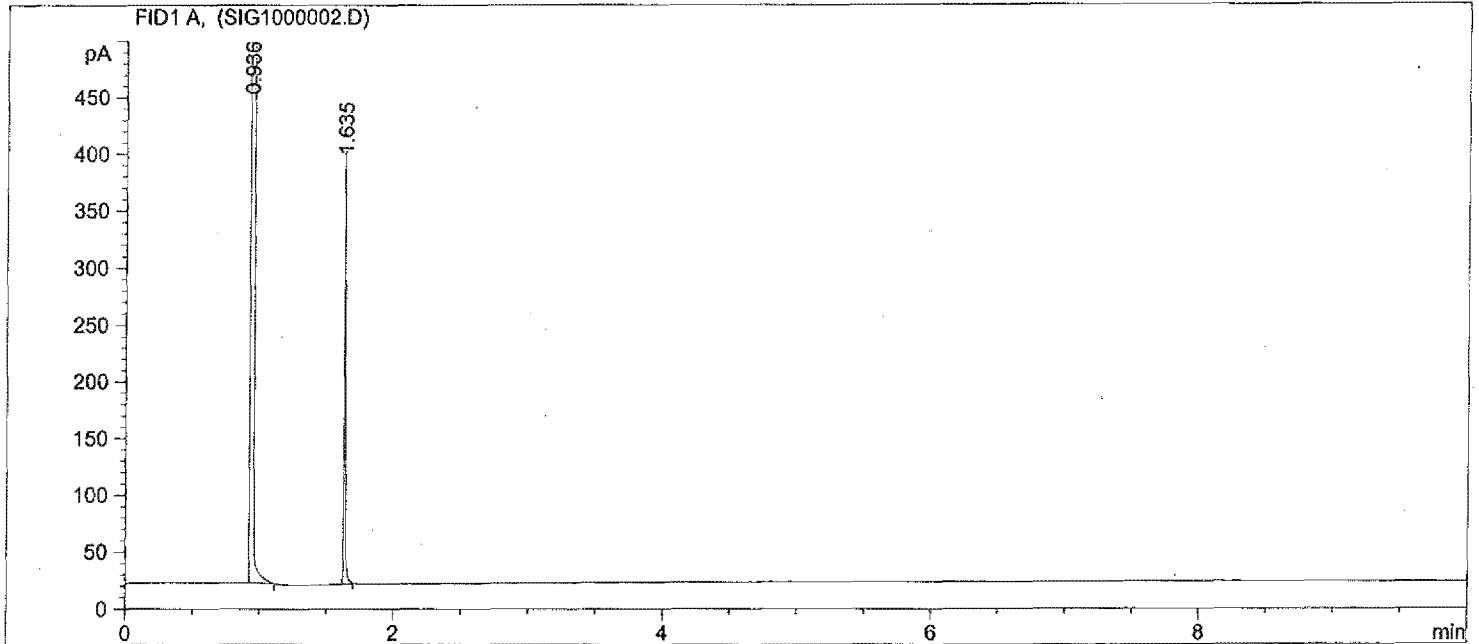
=====
                        *** End of Report ***
=====

```

Sample Name: MDMA STD

```
=====
Acq. Operator   : ASD                      Seq. Line :    2
Acq. Instrument : DrugLab GC #2            Location  : Vial 2
Injection Date  : 5/12/2011 1:02:04 PM     Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                          Area Percent Report
=====
```

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.936	1	BB S	4.94951e4	5.31098e4	99.45077
2	1.635	1	BB	273.34448	371.97275	0.54923

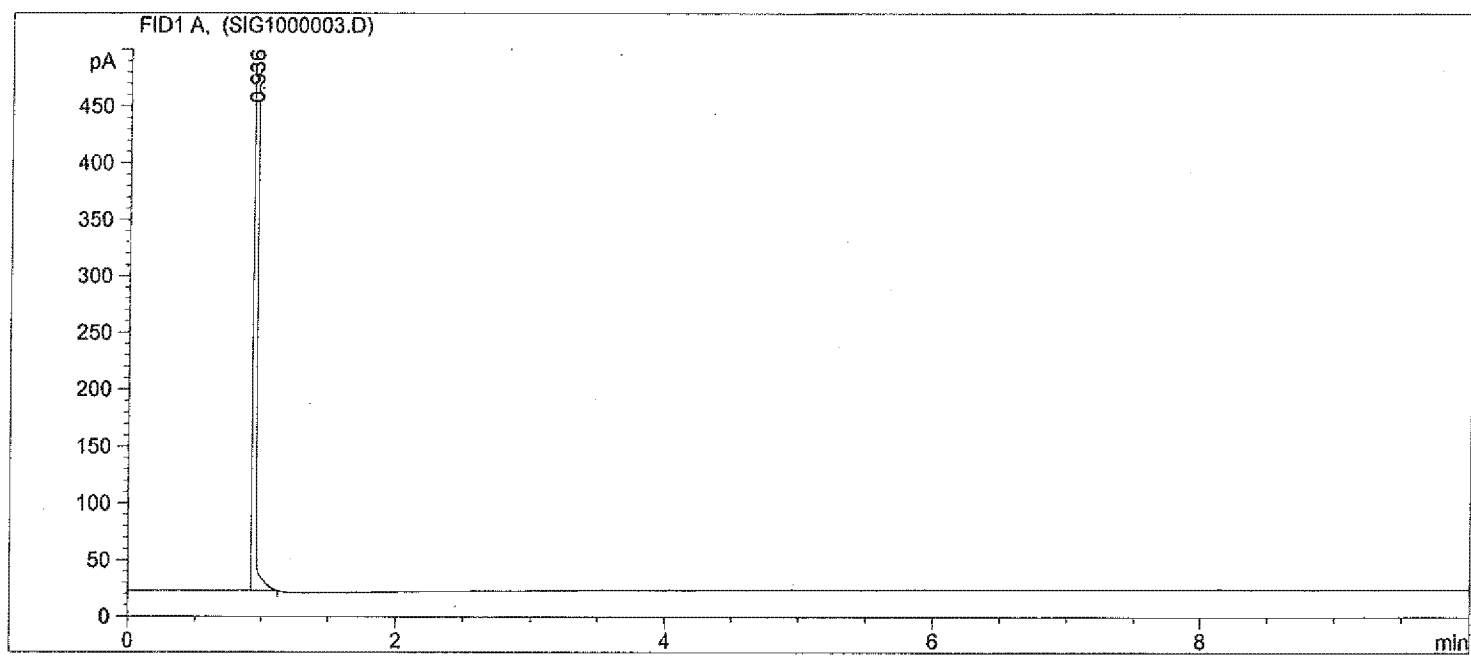
Totals : 4.97684e4 5.34817e4

```
=====
*** End of Report ***
=====
```


=====

Acq. Operator	: ASD	Seq. Line	: 3
Acq. Instrument	: DrugLab GC #2	Location	: Vial 3
Injection Date	: 5/12/2011 1:15:30 PM	Inj	: 1
		Inj Volume	: 1 µl
Sequence File	: C:\CHEM32\1\SEQUENCE\WEEKLYQC.S		
Method	: C:\CHEM32\1\METHODS\ROUTINE.M		
Last changed	: 7/28/2010 1:59:36 PM		

=====



=====
Area Percent Report
=====

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.936	1	BB S	4.85865e4	5.36568e4	1.000e2

Totals : 4.85865e4 5.36568e4

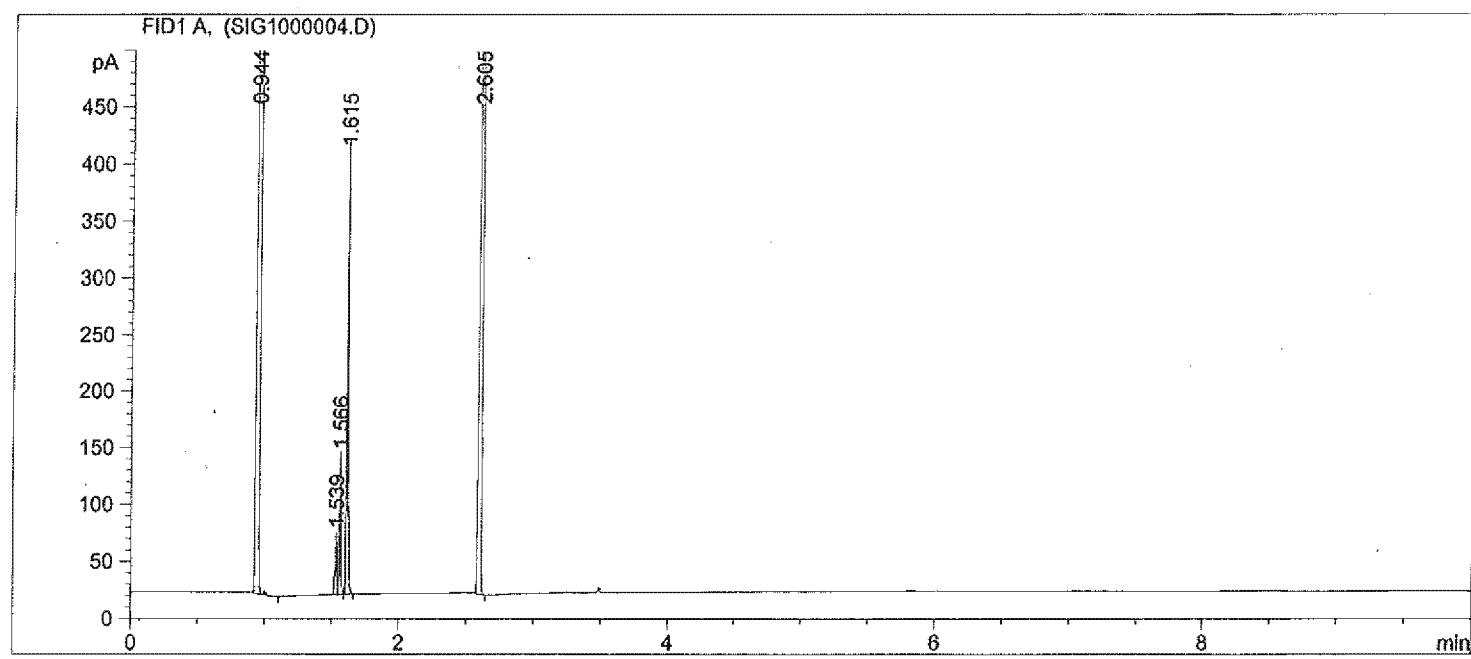
=====
*** End of Report ***

=====

Acq. Operator	: ASD	Seq. Line	: 4
Acq. Instrument	: DrugLab GC #2	Location	: Vial 4
Injection Date	: 5/12/2011 1:28:57 PM	Inj	: 1
		Inj Volume	: 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed : 7/28/2010 1:59:36 PM

=====



=====
Area Percent Report
=====

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.944	1	BB S	6.40627e4	7.71190e4	97.12960
2	1.539	1	BV	44.52219	53.19903	0.06750
3	1.566	1	VV	76.43697	122.39398	0.11589
4	1.615	1	VB	288.65582	388.87936	0.43765
5	2.605	1	BB	1483.58154	1445.72766	2.24935

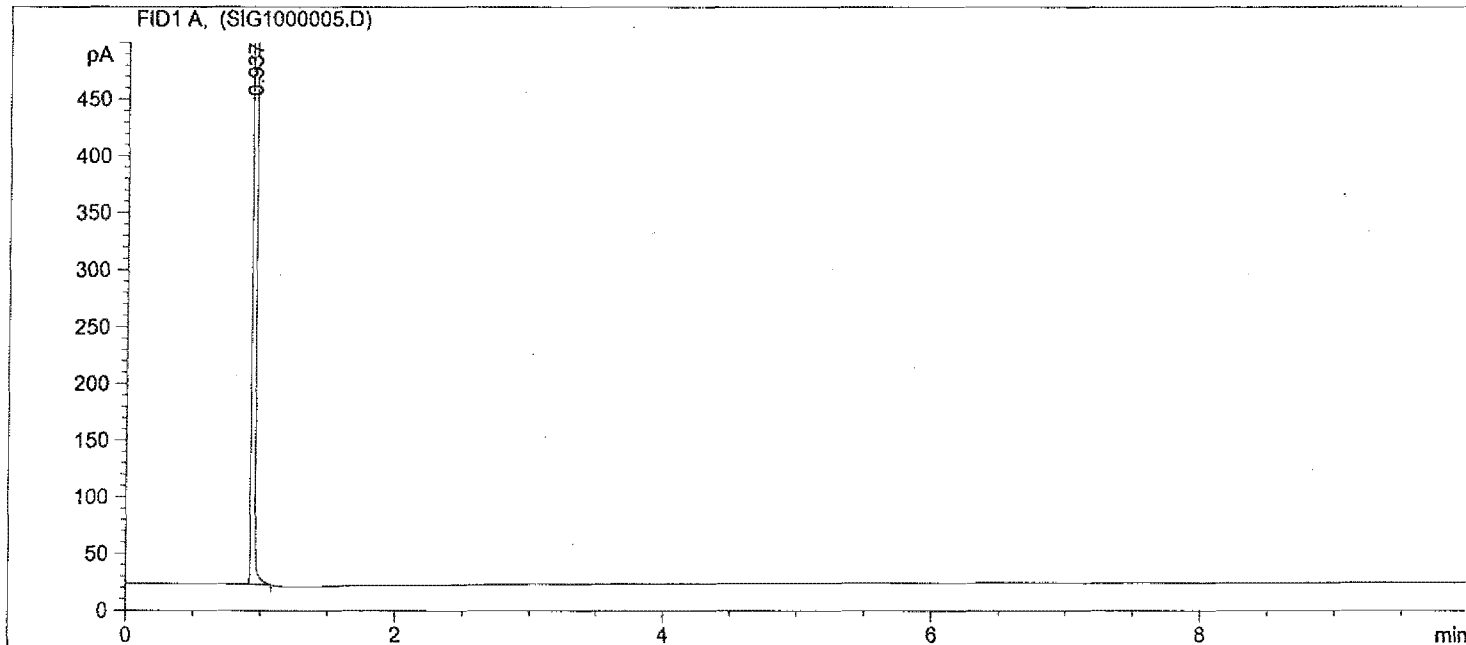
Totals : 6.59559e4 7.91292e4

=====
*** End of Report ***

Sample Name: BLANK

```
=====
Acq. Operator   : ASD                      Seq. Line :    5
Acq. Instrument : DrugLab GC #2            Location  : Vial 5
Injection Date  : 5/12/2011 1:42:24 PM     Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                          Area Percent Report
=====
```

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

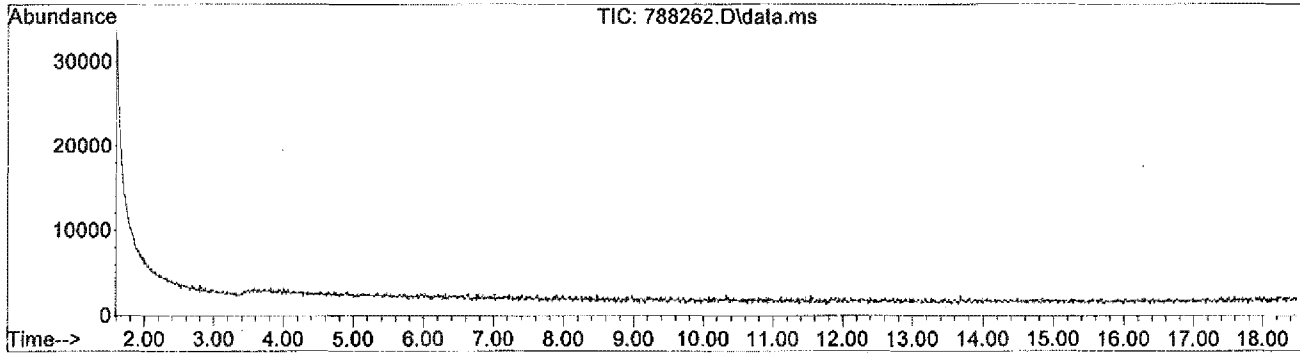
Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.937	1	BB S	4.90149e4	4.84824e4	1.000e2

Totals : 4.90149e4 4.84824e4

```
=====
*** End of Report ***
=====
```

Area Percent / Library Search Report

Information from Data File:
 File Name : J:\05_15_11\788262.D
 Operator : ASD
 Date Acquired : 16 May 2011 00:39
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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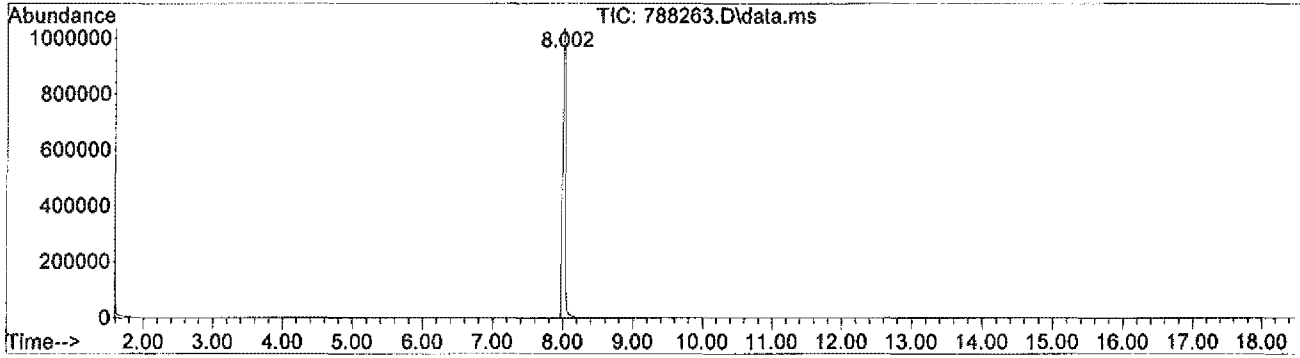
NO INTEGRATED PEAKS

✓ ASD
08-26-11

Area Percent / Library Search Report

Information from Data File:

File Name : J:\05_15_11\788263.D
 Operator : ASD
 Date Acquired : 16 May 2011 1:00
 Sample Name : 3,4 MDMA STD
 Submitted by :
 Vial Number : 63
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
8.002	2933198	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

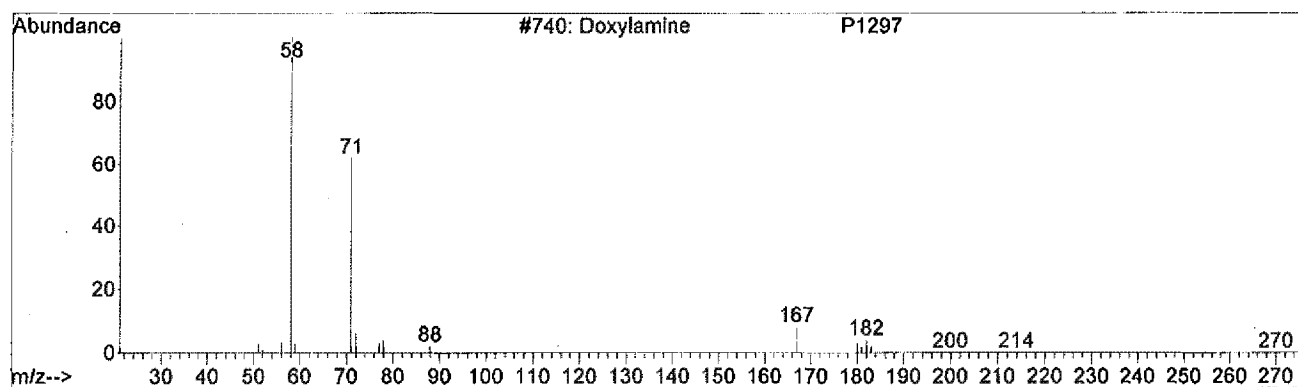
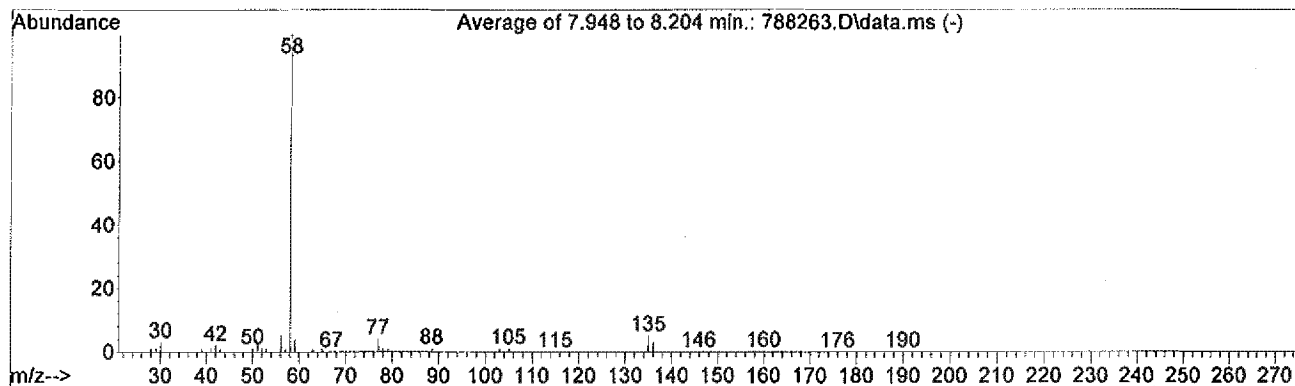
```

File Name       : J:\05_15_11\788263.D
Operator        : ASD
Date Acquired   : 16 May 2011   1:00
Sample Name     : 3,4 MDMA STD
Submitted by    :
Vial Number     : 63
AcquisitionMeth : TFMPP.M
Integrator      : RTE
  
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
  
```

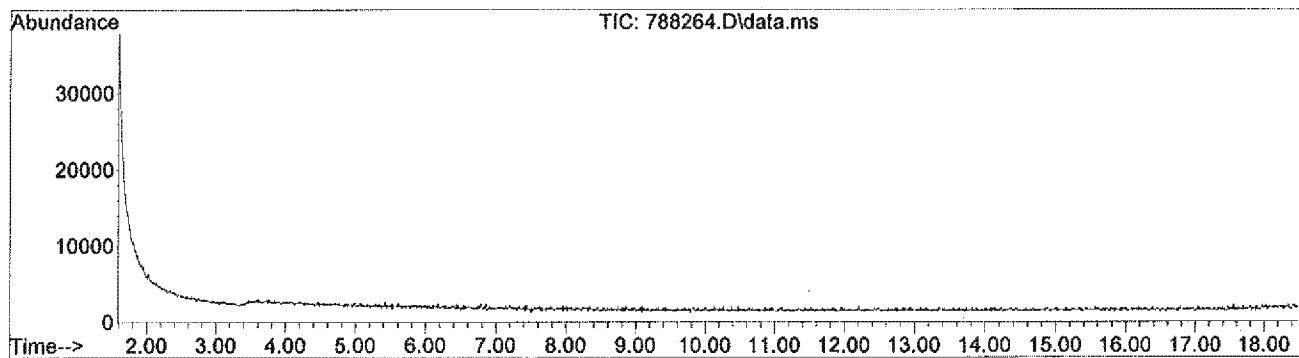
PK#	RT	Library/ID	CAS#	Qual
1	8.00	C:\Database\PMW_TOX2.L		
		Doxylamine	000469-21-6	43
		MDMA AC	000000-00-0	37
		Diltiazem-M (desacetyl-)	000000-00-0	23



Area Percent / Library Search Report

Information from Data File:

File Name : J:\05_15_11\788264.D
 Operator : ASD
 Date Acquired : 16 May 2011 1:21
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



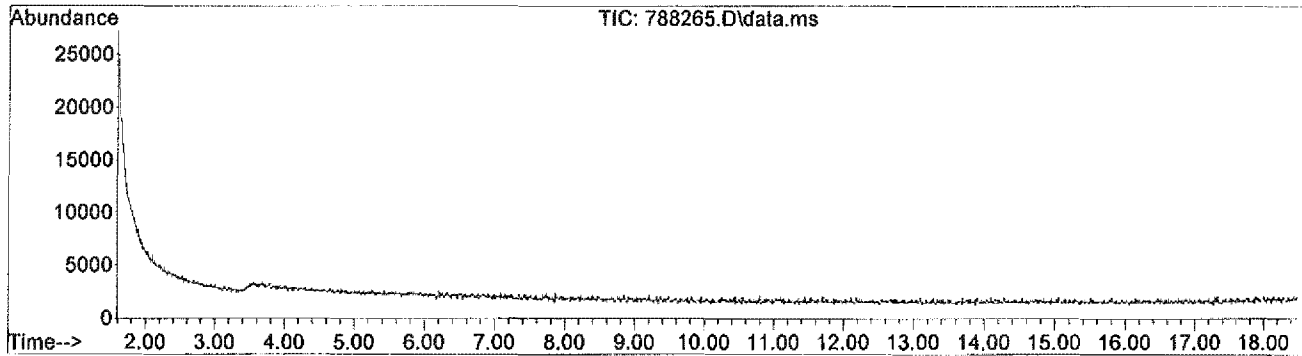
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : J:\05_15_11\788265.D
 Operator : ASD
 Date Acquired : 16 May 2011 1:43
 Sample Name : BLANK
 Submitted by : MGL
 Vial Number : 2
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



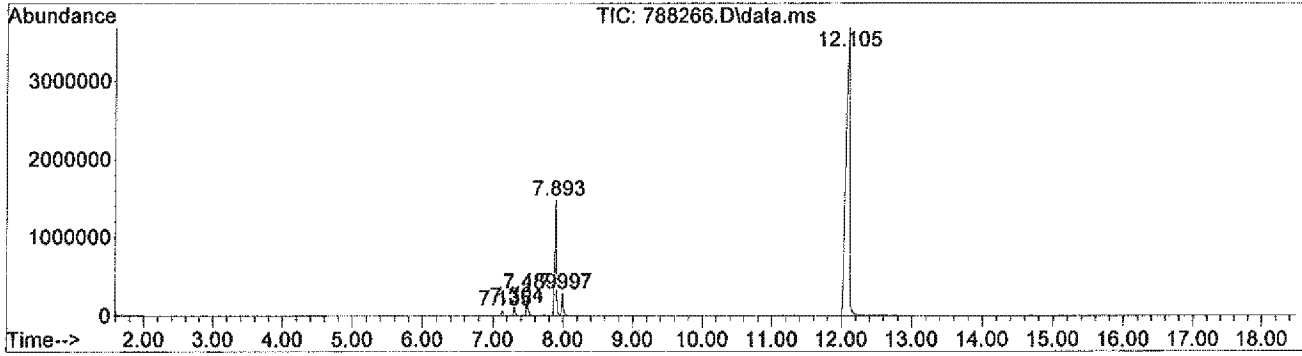
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : J:\05_15_11\788266.D
 Operator : ASD
 Date Acquired : 16 May 2011 2:04
 Sample Name : XXXXXXXXXX
 Submitted by : MGL
 Vial Number : 66
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
7.135	117399	0.65	0.82
7.304	180706	1.00	1.26
7.489	477994	2.65	3.33
7.893	2390498	13.26	16.64
7.997	499607	2.77	3.48
12.105	14365950	79.67	100.00

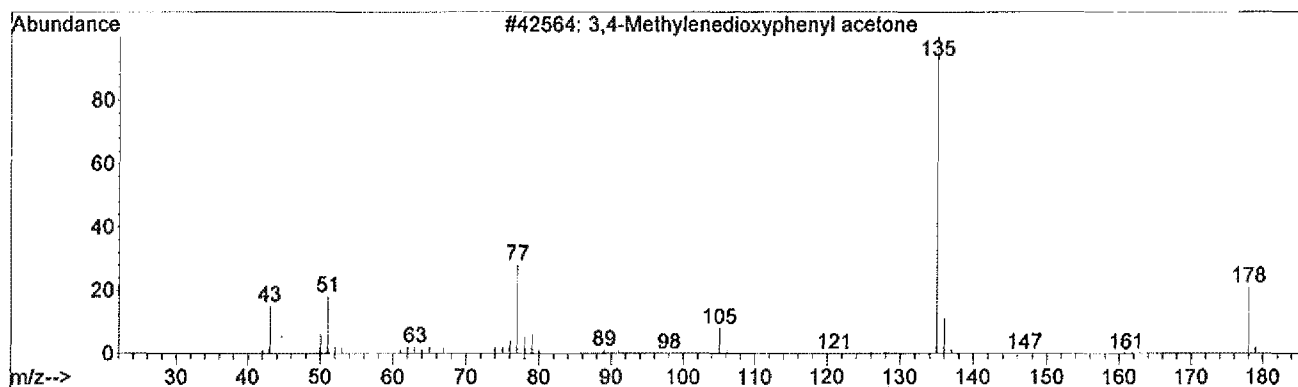
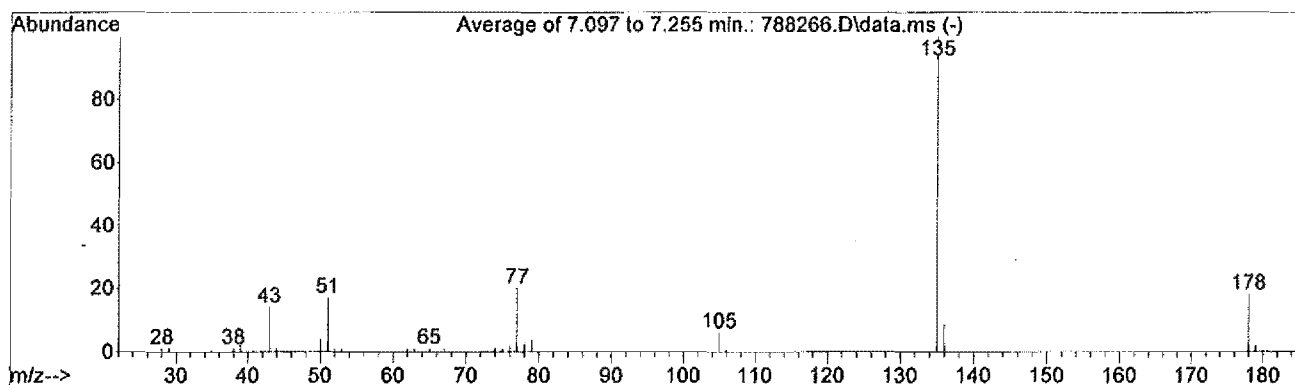
Area Percent / Library Search Report

Information from Data File:

File Name : J:\05_15_11\788266.D
Operator : ASD
Date Acquired : 16 May 2011 2:04
Sample Name : XXXXXXXXXX
Submitted by : MGL
Vial Number : 66
AcquisitionMeth: TFMPP.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.13	C:\Database\NIST08.L		
		3,4-Methylenedioxyphenyl acetone	004676-39-5	91
		3,4-Methylenedioxyphenyl acetone	004676-39-5	78
		Ehtyl 2-piperonyl carbazate	031203-56-2	72

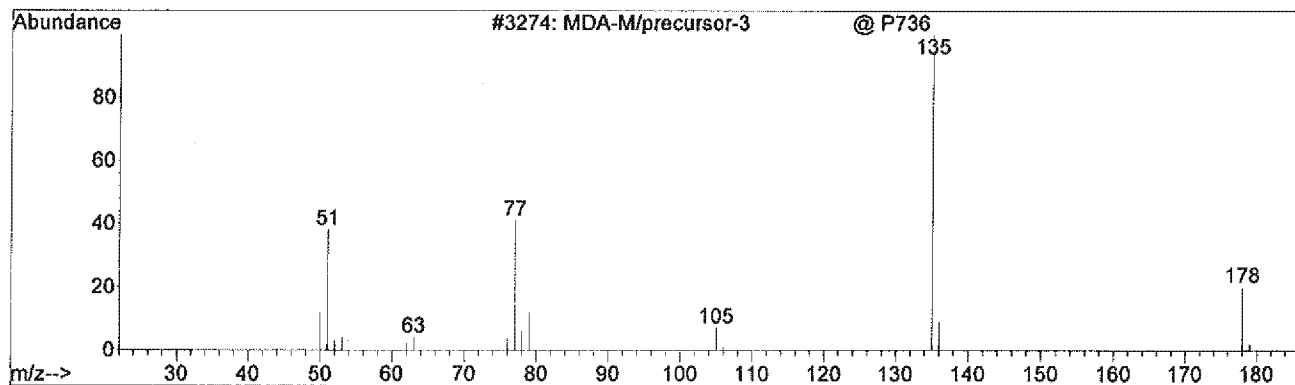
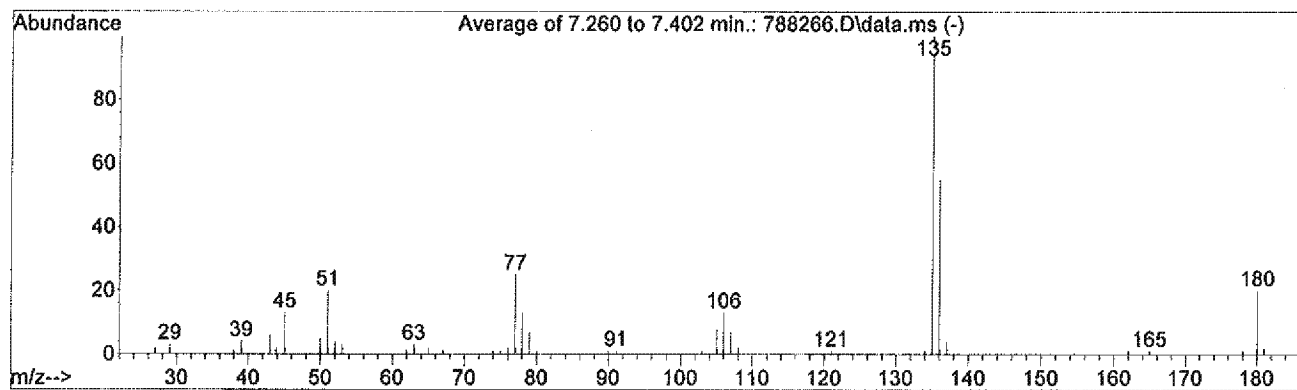


Information from Data File:

File Name : J:\05_15_11\788266.D
Operator : ASD
Date Acquired : 16 May 2011 2:04
Sample Name : XXXXXXXXXX
Submitted by : MGL
Vial Number : 66
AcquisitionMeth: TFMPP.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	7.30	C:\Database\PMW_TOX2.L		
		MDA-M/precursor-3	@ 004676-39-5	9
		Quinine	000130-95-0	4
		Cinchonidine	000485-71-2	4



Area Percent / Library Search Report

Information from Data File:

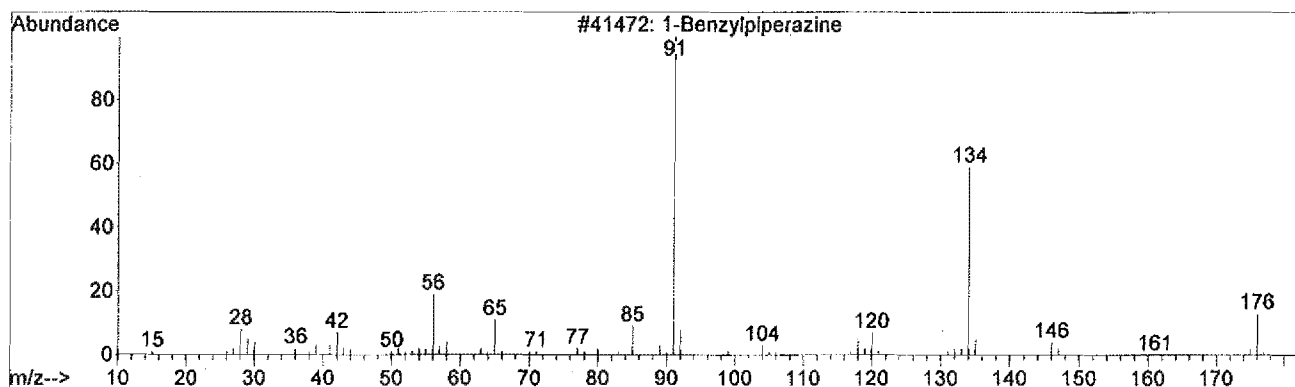
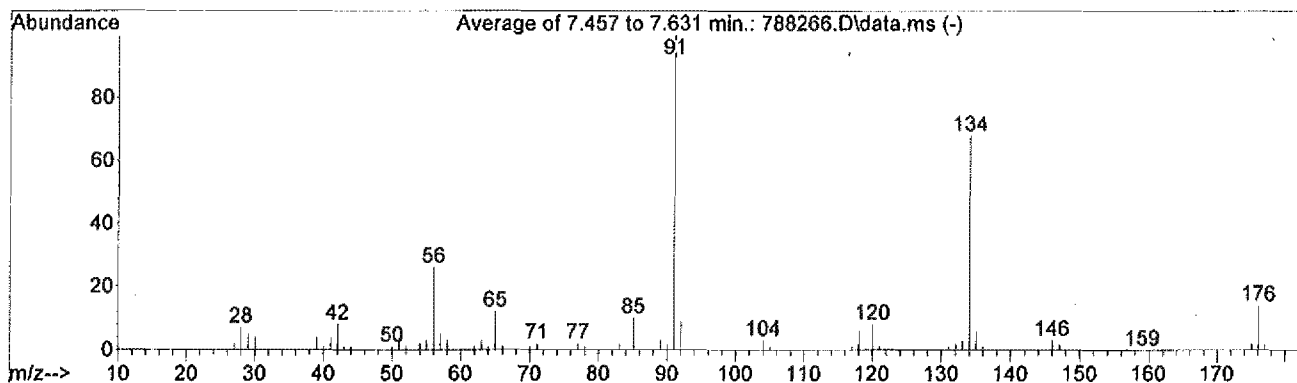
```

File Name       : J:\05_15_11\788266.D
Operator        : ASD
Date Acquired   : 16 May 2011   2:04
Sample Name     : ██████████
Submitted by    : MGL
Vial Number     : 66
AcquisitionMeth : TFMPP.M
Integrator      : RTE
  
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
3	7.49	C:\Database\NIST08.L		
		1-Benzylpiperazine	002759-28-6	94
		1-Benzylpiperazine	002759-28-6	94
		1-Benzylpiperazine	002759-28-6	94

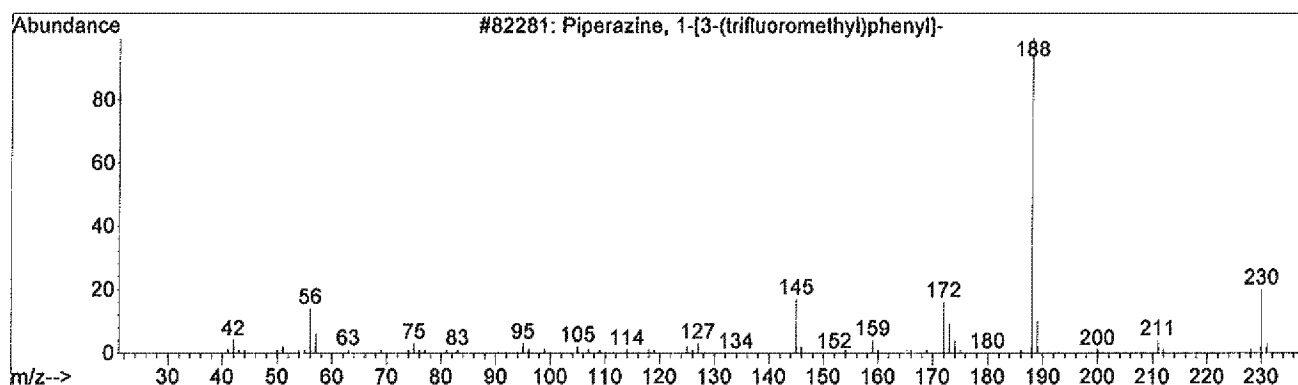
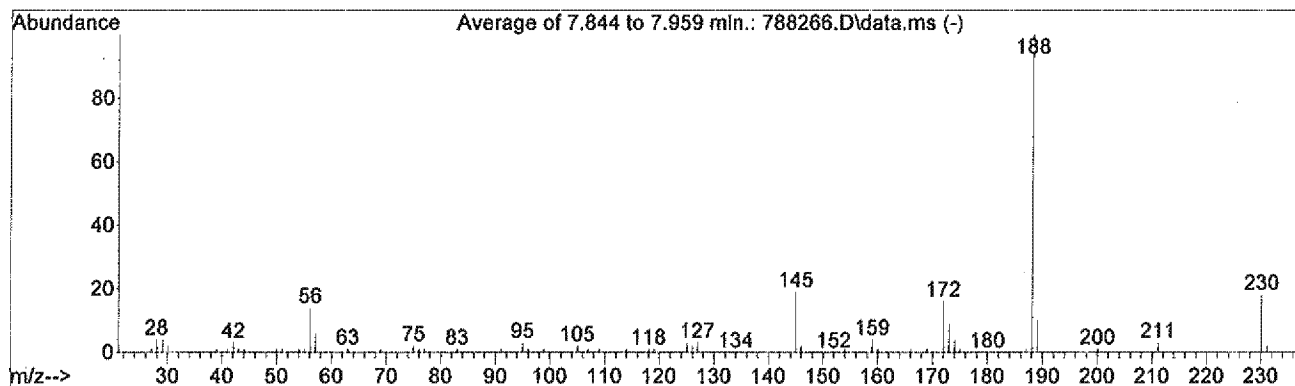


Information from Data File:

File Name : J:\05_15_11\788266.D
Operator : ASD
Date Acquired : 16 May 2011 2:04
Sample Name : XXXXXXXXXX
Submitted by : MGL
Vial Number : 66
AcquisitionMeth: TFMPP.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	7.89	C:\Database\NIST08.L		
		Piperazine, 1-[3-(trifluoromethyl)p	015532-75-9	98
		Piperazine, 1-[3-(trifluoromethyl)p	015532-75-9	94
		Naphthalene, 2,3-dimethoxy-	010103-06-7	64



Area Percent / Library Search Report

Information from Data File:

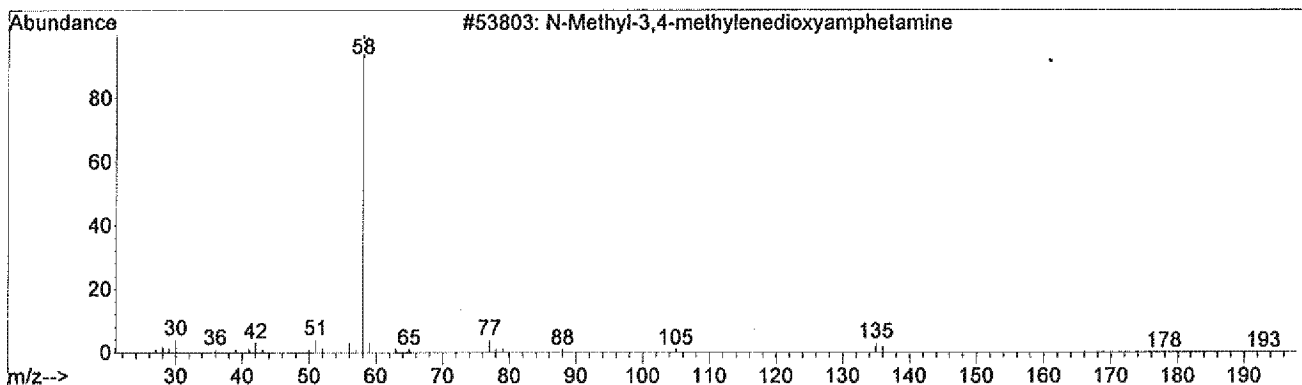
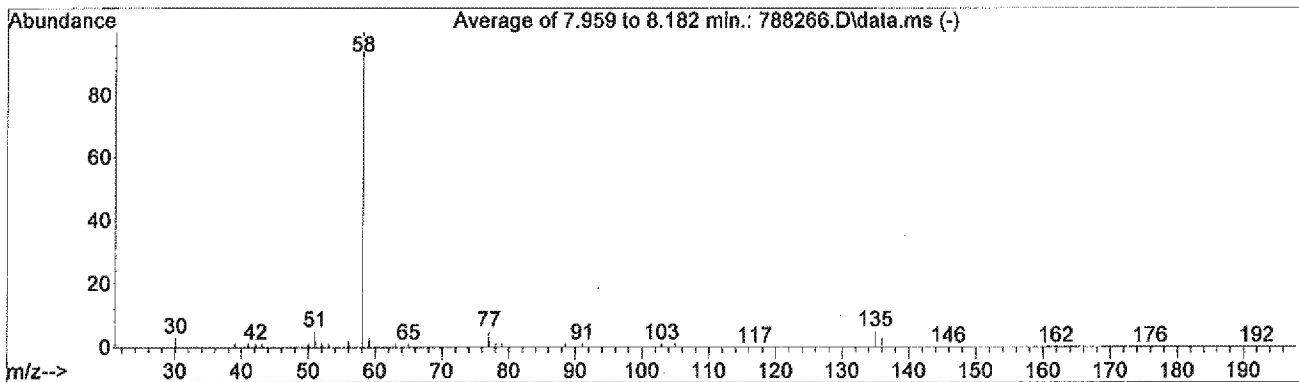
```

File Name       : J:\05_15_11\788266.D
Operator        : ASD
Date Acquired   : 16 May 2011   2:04
Sample Name     : 
Submitted by    : MGL
Vial Number     : 66
AcquisitionMeth : TFMPP.M
Integrator      : RTE
  
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
5	8.00	C:\Database\NIST08.L		
		N-Methyl-3,4-methylenedioxyamphetam	042542-10-9	83
		N-Methyl-3,4-methylenedioxyamphetam	042542-10-9	74
		Ephedrine	000299-42-3	56



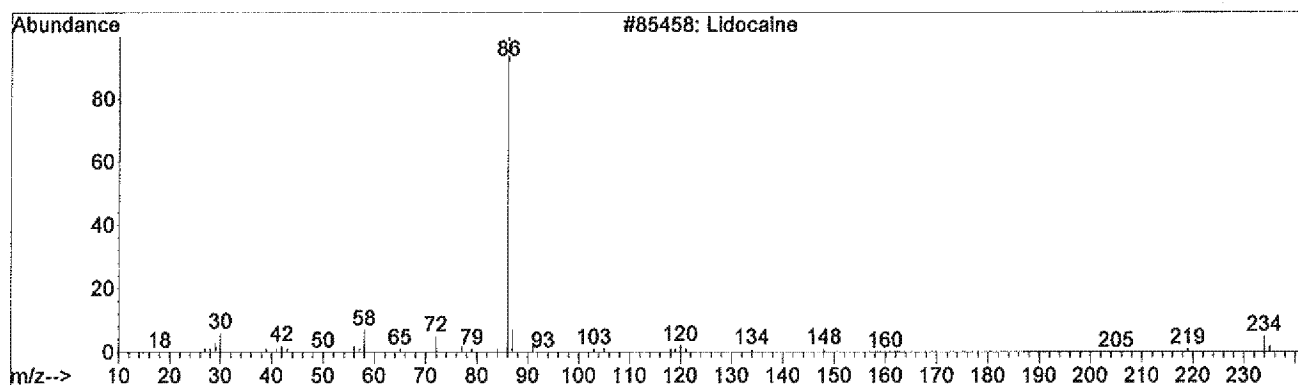
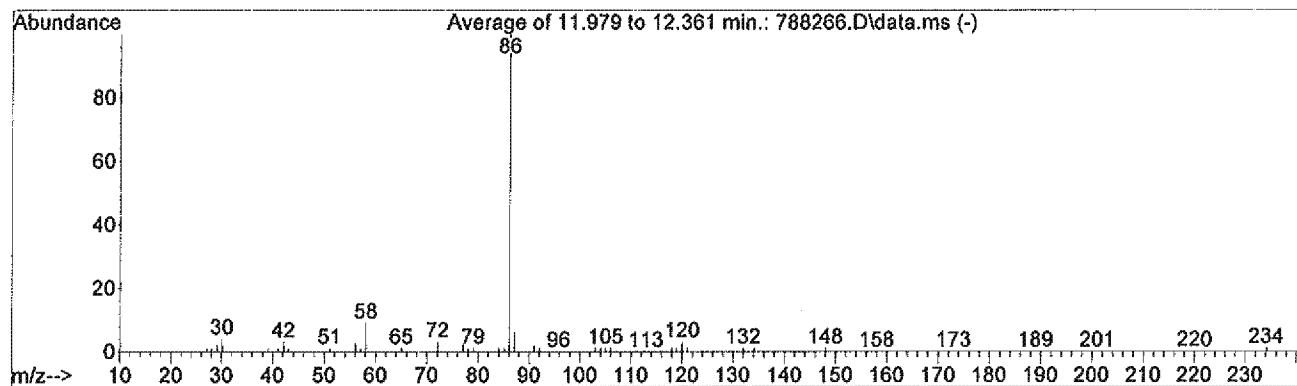
Area Percent / Library Search Report

Information from Data File:

File Name : J:\05_15_11\788266.D
 Operator : ASD
 Date Acquired : 16 May 2011 2:04
 Sample Name : XXXXXXXXXX
 Submitted by : MGL
 Vial Number : 66
 AcquisitionMeth: TFMPP.M
 Integrator : RTE

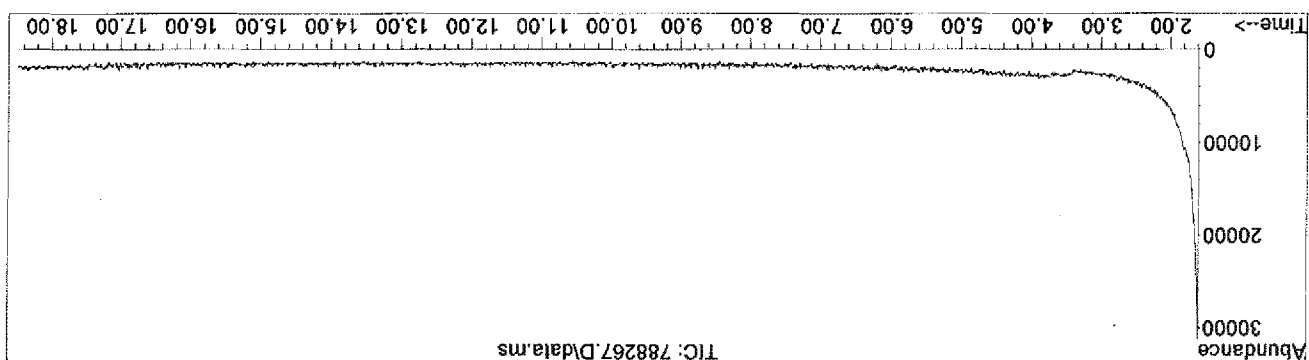
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
6	12.10	C:\Database\NIST08.L		
		Lidocaine	000137-58-6	91
		Lidocaine	000137-58-6	90
		N,N-Diethyl-N'-phenylethylenediamin	001665-59-4	83



Area Percent / Library Search Report

Information from Data File:
 File Name : J:\05_15_11\788267.D
 Operator : ASD
 Date Acquired : 16 May 2011 2:25
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

788267.D

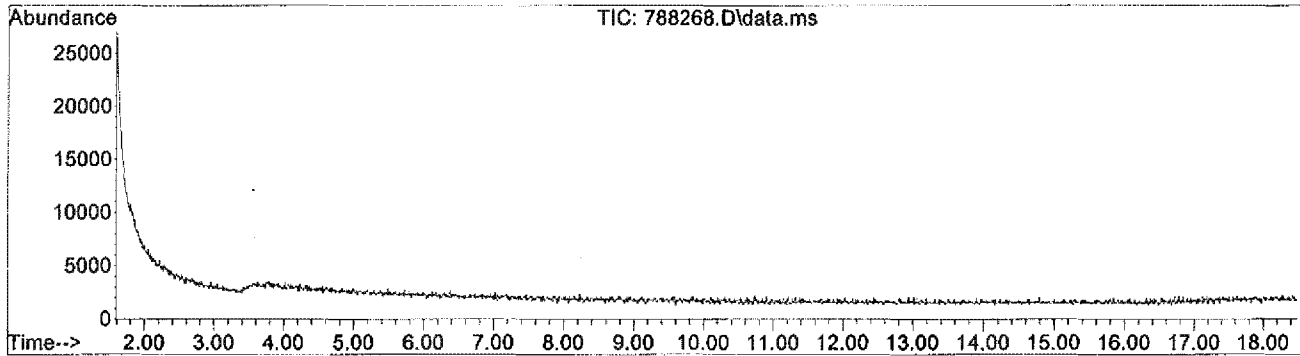
Fri Aug 26 10:03:56 2011

Page 1

Area Percent / Library Search Report

Information from Data File:

File Name : J:\05_15_11\788268.D
 Operator : ASD
 Date Acquired : 16 May 2011 2:47
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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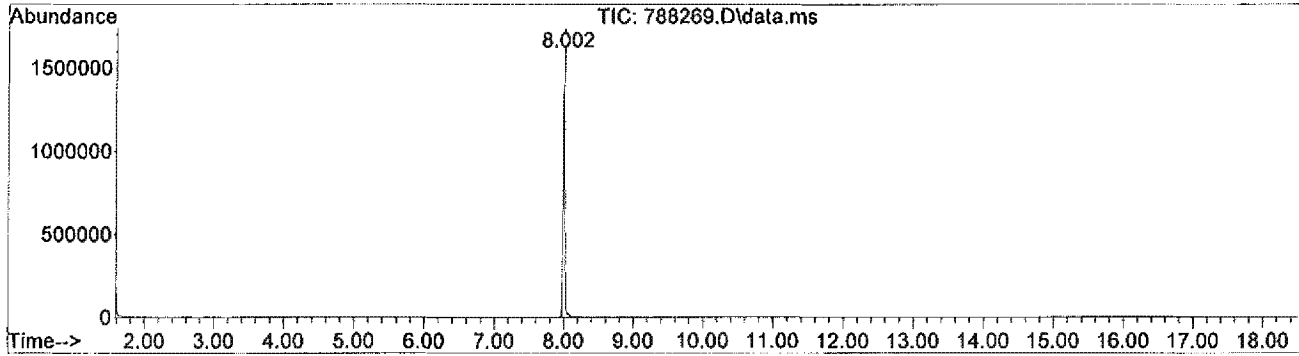
NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

```

File Name       : J:\05_15_11\788269.D
Operator        : ASD
Date Acquired   : 16 May 2011   3:08
Sample Name     : 3,4 MDMA STD
Submitted by    :
Vial Number     : 63
AcquisitionMeth : TFMPP.M
Integrator      : RTE
  
```



Ret. Time	Area	Area %	Ratio %
8.002	2976870	100.00	100.00

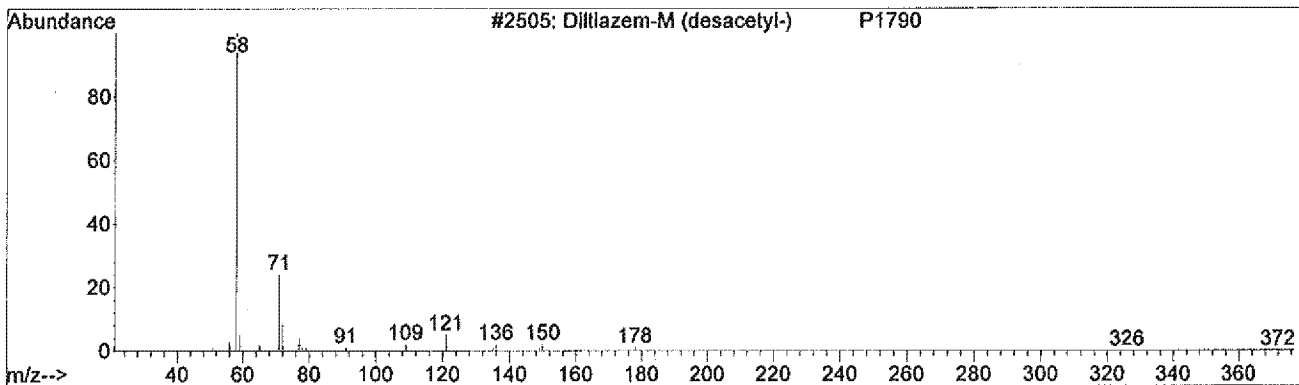
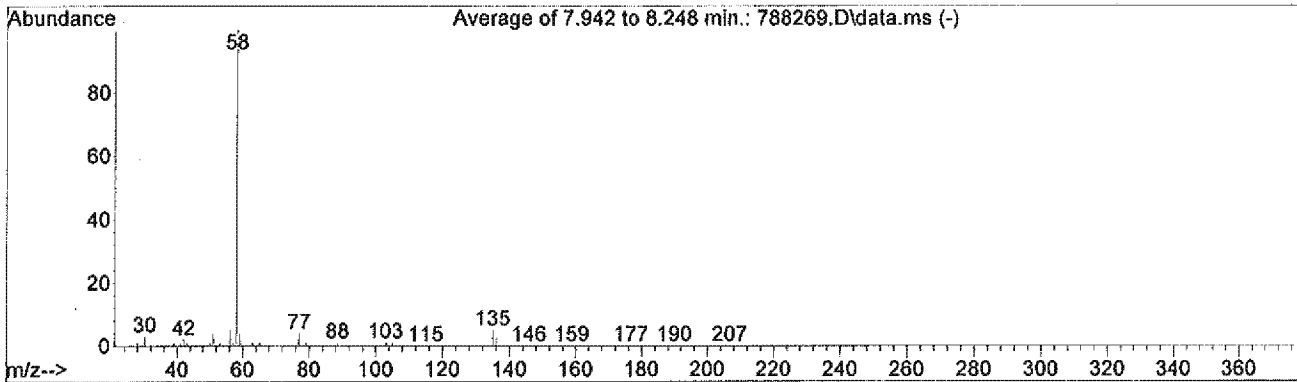
Area Percent / Library Search Report

Information from Data File:

File Name : J:\05_15_11\788269.D
 Operator : ASD
 Date Acquired : 16 May 2011 3:08
 Sample Name : 3,4 MDMA STD
 Submitted by :
 Vial Number : 63
 AcquisitionMeth: TFMPP.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

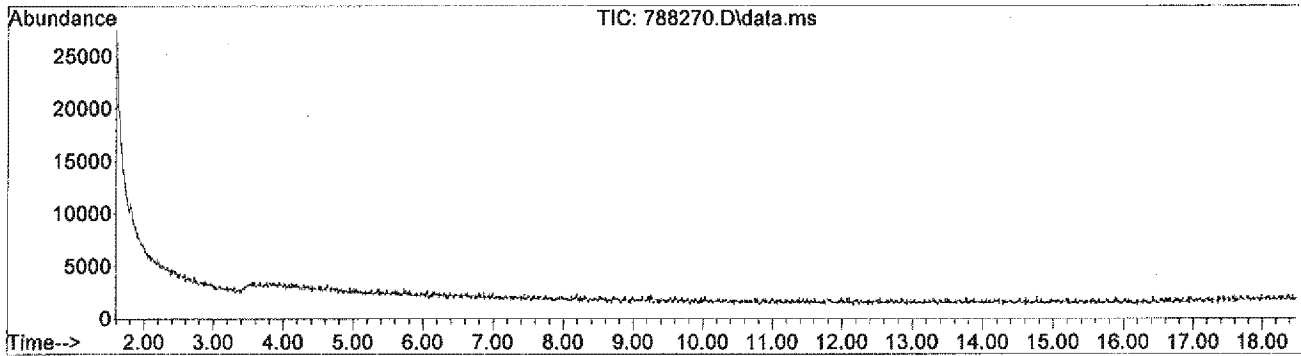
PK#	RT	Library/ID	CAS#	Qual
1	8.00	C:\Database\PMW_TOX2.L		
		Diltiazem-M (desacetyl-)	000000-00-0	72
		MDMA AC	000000-00-0	25
		Doxylamine	000469-21-6	9



Area Percent / Library Search Report

Information from Data File:

File Name : J:\05_15_11\788270.D
 Operator : ASD
 Date Acquired : 16 May 2011 3:29
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

148

PROJECT NAME

NOTEBOOK NO.

5-7-11

AND

20g = 20.00g 5g = 5.00g
 10g = 10.00g 1g = 1.00g

7pb 25/V.M and 1 hand rolled cigar
 1 sandwich bag
 6 small ziplock pb
 Macro Micro Dag

large sandwich bag net = 19.20

Sample #	Macro	Micro	Dag
1	(+)	(+)	(+)
2	(+)	(+)	(+)
3	(+)	(+)	(+)
4	(+)	(+)	(+)
5	(+)	(+)	(+)
6	(+)	(+)	(+)
7	(+)	(+)	(+)
8	(+)	(+)	(+)

ziplock 1.28

ziplock 1.27

ziplock 1.49

ziplock 1.42

ziplock 1.27

cigar 0.40

ziplock 1.42

27.85

Margarita x8 5-7-11

19.2000 ✓

1.2800 ✓

1.3700 ✓

1.4900 ✓

1.4200 ✓

1.2700 ✓

0.4000 ✓

1.4200 ✓

27.8500 *

0.0000 *

Last page.....no further data